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Central Valley Region
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PUBLIC NOTICE:
Proposed No Further Action Determination

SIERRA LUMBER CASE #1 & CASE #2
375 W. Hazelton Avenue, Stockton, San Joaquin County
Case #390257 & #391168
GeoTracker Global IDs:
T0607700185 & T0607726897

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) invites public comment on the proposed No Further Action Determination and closure of both Sierra Lumber Case #1 and Case #2 underground storage tank cases, located at 375 W. Hazelton Avenue in Stockton, CA (Site). A map showing the location of the Site and the Case #1 and Case #2 investigation areas is attached (Figure 1). Maps showing the current remaining extent of petroleum impact to groundwater in the Case #1 and Case #2 areas are included as Figures 2 and 3, respectively.

PUBLIC COMMENT PERIOD:
20 September through 24 November 2019 (65 days)

CASE 1 SUMMARY:

The Site property has historically been utilized for the manufacture and storage of lumber, and consists of three large structures: a western, a southern, and a northeastern structure. In August 1988, one 1,000-gallon gasoline UST was removed from the southwest corner of the northeastern structure at the site (Case #1 Area). At the current time, there is no active UST system on the Site.

Due to gasoline impact encountered during removal of the UST, a soil and groundwater subsurface investigation was conducted in the Case #1 Area between June 1994 and October 2014. The investigation included advancing a total of five (5) soil borings, installation of eight (8) groundwater monitoring wells, six (6) soil vapor extraction (SVE) wells and five (5) air sparging (AS) wells in the former UST area to maximum depths of 50 feet below surface grade (bsg). The results of the investigation detected petroleum-impacted soil to depths of 40 feet bsg beneath the former UST, and extended laterally northeast for 60 feet, and southwest for 40 feet. Additionally, groundwater was impacted beneath the former Case #1 UST, resulting in a dissolved petroleum-impacted plume with dimensions 120 feet long by 80 feet wide. Based on results of the investigation, the former Case #1 UST resulted in the unauthorized release of 930 gallons (i.e. 5,804 pounds) into the subsurface.

Between April 2001 and November 2005, soil and groundwater remediation cleanup were performed at the Site utilizing soil vapor extraction and air-sparge remediation technology. This type of

remedial technology combines bubbling of air into the groundwater combined with the application of a vacuum to the subsurface to pull petroleum hydrocarbons out of the soil and groundwater. Based on the remediation results, approximately 320 gallons (1,940 pounds) of gasoline was removed from the subsurface. The remaining hydrocarbon impact to subsurface soil and groundwater appears to be limited to a small area near the former UST and is considered to be defined in all directions. The results of the investigation have concluded that the remaining hydrocarbon impact to soil and groundwater in the Case #1 Area does not appear to pose any significant threat to human health, the environment, or future site activities. Due to the low threat posed to human health, this site has been recommended for closure by Advanced GeoEnvironmental, Inc. (AGE) under California's Low-threat Closure Policy. Once all public comments have been reviewed, the Central Valley Water Board will consider closing Case #1.

CASE 2 SUMMARY

The Site property has historically been utilized for the manufacture and storage of lumber. A gasoline UST was historically located near the southeast corner of the northeastern structure at the Site (Case #2 Area), and was reportedly removed in the late 1970's. The storage capacity of the tank is unknown. At the current time, there is no active UST system on the Site.

Based on Phase I/Phase II Environmental Assessment findings in June 2004, a soil and groundwater subsurface investigation was conducted in the Case 2 Area between June 2004 and August 2018. The investigation included advancing a total of eight (8) soil borings, installation of thirteen (13) groundwater monitoring wells and four (4) dual phase extraction (DPE) wells in the former Case #2 UST area to maximum depths of 130 feet below surface grade (bsg). The results of the investigation detected petroleum-impacted soil to depths of 50 feet bsg beneath the former UST and extended laterally northeast for 65 feet. Additionally, groundwater was impacted beneath the former UST, resulting in a dissolved petroleum-impacted plume with approximate dimensions 275 feet long by 150 feet wide. Based on results of the investigation, the former Case #2 UST resulted in the unauthorized release of approximately 1,221 gallons (i.e. 7,630 pounds) into the subsurface.

Between August 2012 and August 2016, soil and groundwater remediation cleanup were performed in the Case #2 utilizing a dual phase extraction (DPE) remediation technology. This remedial technology combines soil vapor extraction with extraction of petroleum impacted groundwater. Based on the remediation results, approximately 499 gallons (i.e. 3,120 pounds) of gasoline was removed from the subsurface. As a result, the remaining hydrocarbon impact to subsurface soil and groundwater appears to be defined in all directions surrounding the former Case #2 UST location. The results of the investigation have concluded that the remaining hydrocarbon impact to soil and groundwater does not appear to pose any significant threat to human health, the environment, or future site activities. Due to the low threat posed to human health, this site has been recommended for closure by Advanced GeoEnvironmental, Inc. (AGE) under California's Low-threat Closure Policy. Once all public comments have been reviewed, the Central Valley Water Board will consider closing Case #2.

FOR MORE INFORMATION

Additional information is available on the State Water Resources Control Board GeoTracker website at <http://geotracker.waterboards.ca.gov/> and the case file, which is available for review at the Central Valley Water Board office in Rancho Cordova. To make an appointment for a file review, please call (916) 464-3291.

Please contact Alan M. Buehler with the Central Valley Water Board if you have any comments/questions regarding the Sierra Lumber Case #1 and Case #2 releases, the cleanup activities at the site, or any of the information in this Fact Sheet:

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Notice to the Hearing Impaired

TDD users can obtain information about the Site by using the California State Relay Service (800) 735-2929 to reach the Public Participation Specialist. Ask them to contact the Central Valley Water Board at (916) 464-3291 regarding the proposed “No Further Action” determination for the Sierra Lumber Case #1 and Case #2 releases.

Attachments:

Figure 1 – Site showing the Site Location and Case #1 and Case #2 investigation areas

Figure 2 – Site Map showing the Case #1 Area current remaining extent of petroleum impact to groundwater above water quality objectives

Figure 3 – Site Map showing the Case #2 current remaining extent of petroleum impact to groundwater above water quality objectives

FIGURE 1



LEGEND



CASE NO. 1 PERIMETER AREA

CASE NO. 2 PERIMETER AREA



NOT TO SCALE

FIGURE 2

NOTES:

All water samples reported as micrograms per liter (ug/l).

Groundwater monitoring well samples MW-1, -2, -4A, -6, -8 collected on 14 October 2014.

Groundwater monitoring well samples MW-5 and MW-7 collected on 28 April 2000.

Representative of groundwater between 15 and 40 feet bsg (Hydrogeologic Unit: HU1)

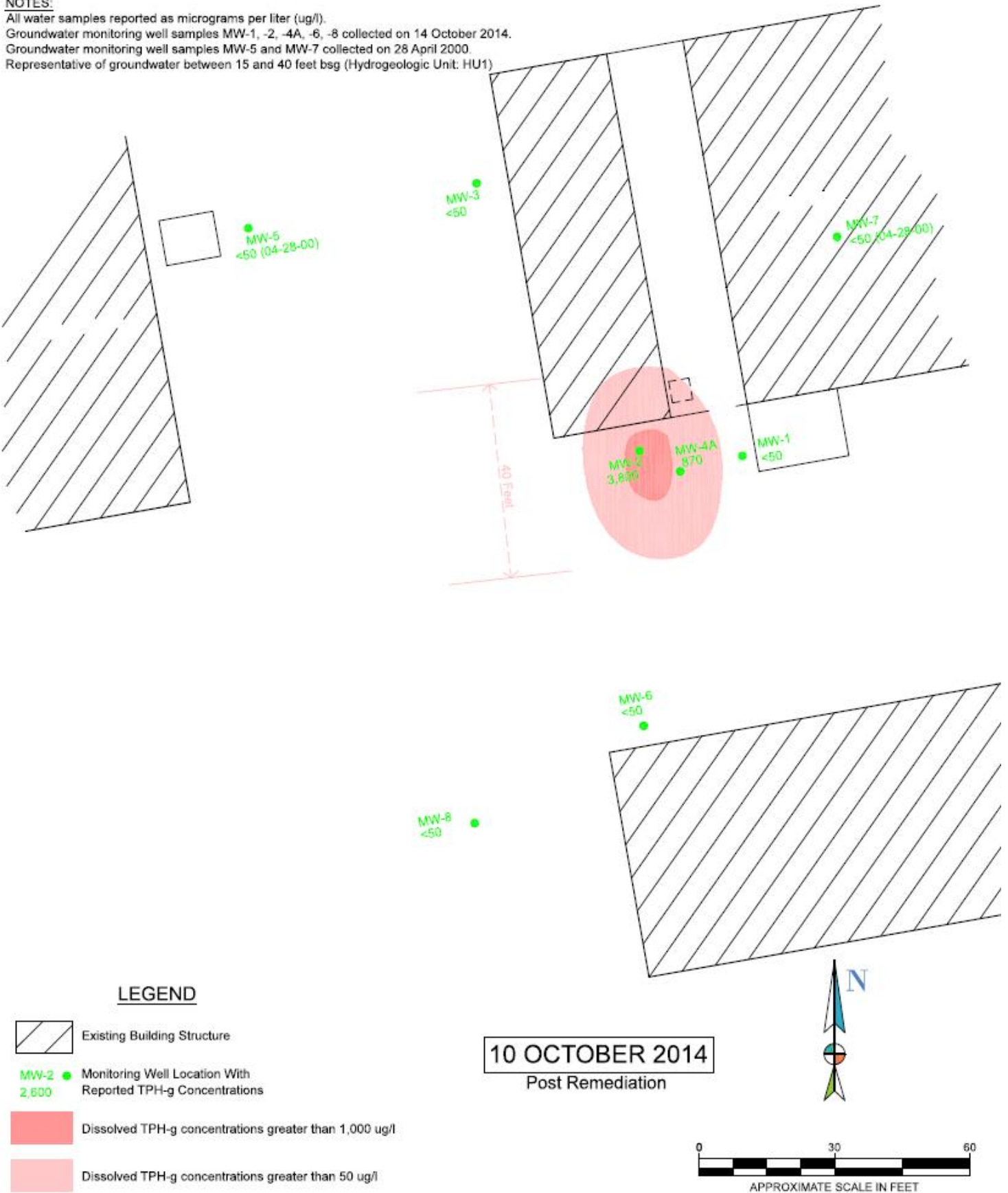


FIGURE 3

